



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: CES Environmental Services

CERCLIS ID#: TXD008950461

Alias Site Name: NA

Address: 4904 Griggs Road

City/County or Parish/State/Zip: Houston/Harris County/Texas/77021

Report Type: Preliminary Assessment

Date: 01/30/15

Author: TCEQ - Audrey Smith

RECOMMENDATION:

- | | | | | | | | | | | | | | |
|--|---|---|------------------------------|---|-----------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|--|---------------------------------------|--|--|
| <input checked="" type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP) | <input type="checkbox"/> 2. Further Investigation Needed Under Superfund | | | | | | | | | | | | |
| | <table border="0"><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td><input type="checkbox"/> Other: _____</td><td></td><td></td></tr></table> | <input type="checkbox"/> PA | <input type="checkbox"/> HRS | Priority: <input type="checkbox"/> High | <input type="checkbox"/> SI | <input type="checkbox"/> RI/FS | <input type="checkbox"/> Low | <input type="checkbox"/> ESI | <input type="checkbox"/> RA | | <input type="checkbox"/> Other: _____ | | |
| <input type="checkbox"/> PA | <input type="checkbox"/> HRS | Priority: <input type="checkbox"/> High | | | | | | | | | | | |
| <input type="checkbox"/> SI | <input type="checkbox"/> RI/FS | <input type="checkbox"/> Low | | | | | | | | | | | |
| <input type="checkbox"/> ESI | <input type="checkbox"/> RA | | | | | | | | | | | | |
| <input type="checkbox"/> Other: _____ | | | | | | | | | | | | | |
| <input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC | To be performed by: _____ | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | |

NOTIFY AUTHORITY:

- | | | | | |
|---|--------------------------------------|--------------------------------|-------------------------------|--|
| <input checked="" type="checkbox"/> Removal | <input type="checkbox"/> RCRA | <input type="checkbox"/> TSCA | <input type="checkbox"/> CAA | <input type="checkbox"/> SMCRA |
| <input type="checkbox"/> Remedial | <input type="checkbox"/> State/Tribe | <input type="checkbox"/> NPDES | <input type="checkbox"/> NRC | <input type="checkbox"/> Resource Trustee: _____ |
| <input type="checkbox"/> CERCLA | <input type="checkbox"/> Federal | <input type="checkbox"/> UIC | <input type="checkbox"/> SPCC | <input type="checkbox"/> Other: _____ |
| Enforcement | Facility | | | |
- SEND SSSR COPIES TO: ☐ 6SF-AC ☐ 6WQ-SP ☐ ATSDR ☒ State Agency ☐ Tribal Agency

DISCUSSION:

The CES Environmental Services (CES) site consists of three adjacent properties with a total area of 7.9 acres. The site is located in a mixed commercial and residential area near the intersection of Griggs Road and Wayland Street in Houston. Buildings currently present at the site and formerly used in business operations include a business office, a training center/locker room, the main processing facility, the tank wash office, a shed, and a warehouse. The main processing facility is a metal building that consists of a combined wastewater treatment system located in the north end, and a former laboratory and drum/container receiving area located in the south end. The former tank wash office is located in a separate metal building south of the main processing facility. Wastes are staged throughout the site in a myriad of vessels, including vacuum boxes, roll-off boxes, frac tanks, tanker trailers, totes, vats, drums, aboveground storage tanks, and other miscellaneous smaller containers. Ponded storm water has been observed in the southwest corner and north end of the site during multiple inspections by the Texas Commission on Environmental Quality (TCEQ).

The properties located immediately east and south of the site are residences. A few of the residences bordering the northeast corner of the site are currently abandoned. Griggs Road borders the site to the north, and other residences are present on the north side of the road. A vacant, open lot is located on the west side of Wayland Street, north of the on-site warehouse. The Beatrice Mayes Institute Charter School is located northwest of the on-site warehouse, adjacent to the vacant lot. The school uses the property located southwest of the on-site warehouse for physical education activities. This property is not currently considered part of the CES site; however, according to historical aerial photos, it appears to have been used for business operations associated with the site beginning in the 1940s and continuing until as recently as 2007.

Historic operations conducted at the site include general freight trucking, nonhazardous waste treatment and disposal, miscellaneous waste management services, and remediation services. Operations at the facility ceased in 2010 due to bankruptcy liquidation, and the site is currently inactive.

A site visit associated with this Preliminary Assessment (PA) was conducted on September 24, 2014. During the site visit, the earthen berm constructed by the City of Houston to prevent storm water runoff from the site to Kingsbury Street was observed. Also observed was an eroding earthen berm present on the northeast side of the site to prevent surface water runoff into the residential properties on the east side of the site. During large flood events, storm water may flow over the berm and into residential backyards located along the eastern fence of the site. Evidence of vandalism throughout the site was observed during the site visit. A former tanker trailer reportedly cut apart by vandals was located near the former wastewater treatment system inside the main processing facility. Black oil formerly contained within this tanker trailer was dumped in the loading bay of the building. An uncovered vat containing this oil is located in the main processing facility. A trash dumping area in front of the warehouse located on the west side of Wayland Street was also noted during the site visit.



The site overlies the Gulf Coast aquifer, which consists of five hydro-stratigraphic units, from youngest to oldest: the Chicot aquifer, the Evangeline aquifer, the Burkeville confining system, the Jasper aquifer, and the Catahoula confining system. The site is located in a neighborhood supplied by the City of Houston municipal water supply (MWS). Local lakes and rivers, including the Trinity River, Lake Livingston, San Jacinto River, Lake Conroe, and Lake Houston, supply the City of Houston surface water resources. Ground water wells drilled into the Evangeline and Chicot aquifers with an average depth of 750 feet provide 29 percent of the City's water supply to customers predominately located in the west side of Houston. There are two active Public Water Supply (PWS) wells within four miles of the site. There are 75 wells in the Texas Water Development Board (TWDB) Submitted Driller's Reports database within the 4-mile TDL, including 4 domestic, 5 irrigation, 5 industrial, 6 geothermal heat loops, 1 rig supply, and 54 test wells. Of these, one irrigation well and three test wells are located within two miles of the site.

Prior to urban development, surface water drainage from the site flowed directly into the Kuhlman/Belmont Gully, which once flowed through the northern end of the site. Currently, a storm water drain on the northwest corner of the site at Wayland Street and Griggs Road receives surface water runoff from the northwest part of the property. Currently, all ponded storm water is pumped by the EPA to the northwest corner of the site to discharge into this drain. Earthen berms were constructed in 2014 to prevent storm water runoff from traveling into residential yards located northeast and southwest of the site. Before these berms were constructed, storm water from the southwest part of the site flowed south into a ditch, then west onto Kingsbury Street into a storm water drain on the corner of Kingsbury and Calhoun Street. Storm water from the northeast portion of the site likely traveled directly into residential backyards adjacent to the site, then into a storm water drain located on Grace Lane. All storm water drains associated with the site empty into the Kuhlman/Belmont Gully on the north side of Schroeder Road and Griggs Road. This is considered the probable point of entry for the surface water migration pathway. The Kuhlman/Belmont Gully empties into Brays Bayou, which then empties into Buffalo Bayou. The 2-year, 24-hour rainfall average for the site area is 5 inches. The site is not in a Federal Emergency Management Agency (FEMA) designated flood zone. There are no surface water intakes downstream of the site within the 15-mile Target Distance Limit (TDL).

Numerous areas of stained soil were observed during the site visit conducted on September 24, 2014. Currently, there is a fence surrounding the entire property to prevent open access to the facility; however, vandals have previously compromised the security fencing by stealing fence panels, and the fence has not eliminated vandalism at the facility. There are 17 residences located within 200 feet of sources at the site. The nearest school, the Beatrice Mayes Institute Charter School, is located approximately 200 feet northwest of the site, and includes 443 students. There are no day care facilities, sensitive terrestrial environments, or land resources within 200 feet of the site.

Based on the information presented in this PA report, the site warrants further investigation under the EPA Superfund Program. However, the CES Griggs Road PRP Group has completed an application for site acceptance into the TCEQ's Voluntary Cleanup Program. The TCEQ accepted the application and the site was admitted into the Voluntary Cleanup Program on June 10, 2015 (see attached). As a participant in the Voluntary Cleanup Program, the CES Griggs Road PRP Group has agreed to address contamination associated the site. All activities conducted at the site while in the Voluntary Cleanup Program will be conducted under the direction/oversight of the TCEQ. As such, it is recommended that the site receive a designation of "No Further Remedial Action Planned" (NFRAP) in the Superfund Enterprise Management System. The NFRAP designation does not preclude future federal involvement with the site should site conditions change or a request be made by the State. The State will be provided a copy of this decision document.

APPROVALS:

Report Reviewed by:	<u>Bret Kendrick</u> (Site Assessment Manager)	Signature:	<u></u>	Date:	<u>06/11/15</u>
Disposition Approved by:	<u>Chris Villarreal</u> (Section Chief 6SF-TR)	Signature:	<u></u>	Date:	<u>6/12/2015</u>

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Zak Covar, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 10, 2015

Mr. Tony Saturni, Corporate Remediation Manager
CES Griggs Road PRP Group
29400 Lakeland Boulevard
Wickliffe, OH 44092

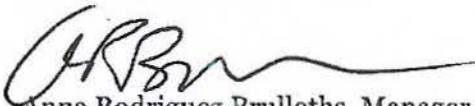
Re: VCP Application Acceptance for the CES Griggs Road VCP site located at 4900 Griggs Road, 4904 Griggs Road, and 5910 Wayland Street, Houston, Harris County, TX; Voluntary Cleanup Program (VCP) No. 2751; Regulated Entity No. 108370644; Customer No. 604824904

Dear Mr. Saturni:

The Texas Commission on Environmental Quality (TCEQ) has received the VCP Application and supplemental environmental information submitted pursuant to §361.604 of the Texas Solid Waste Disposal Act for assistance and review of site investigation and cleanup activities for the above-referenced site. After careful review, the application is determined to be administratively complete, and is eligible for the VCP. Enclosed for your records is a signed copy of the VCP Agreement. Mr. Rodney Bryant has been assigned as the project manager for this site. Based on the VCP Agreement submittal schedule, the Affected Property Assessment Report is due by December 31, 2015. Monthly Status Reports are due on the 10th day of each month beginning July 2015.

Please reference VCP No. 2751 on the front of any future letters or reports. Future submittals should be mailed to the TCEQ, VCP-CA Section, mail code MC-221, at the letterhead address. Please feel free to contact Rodney Bryant if you have any questions by email at Rodney.Bryant@tceq.texas.gov or by phone at (512)239-2205.

Sincerely,


Anna Rodriguez Brulloths, Manager
VCP-CA Section
Remediation Division

ARB/DC/jdm

Enclosure: Executed VCP Agreement

cc: Mr. Jason Ybarra, Waste Section Manager, TCEQ Houston Regional Office, R-125
Ms. Brenda Basile, Pastor Behling & Wheeler, LLC, 11231 Richmond Avenue, D104, Houston, TX 77082